Index of Claims

| Applic | ation | /Contro | No. |
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|        |       |         |     |

Applicant(s)/Patent under Reexamination

10/784,610

KEENUM ET AL.
Art Unit

Examiner
Charlie Peng

2883

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| 2 | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
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| Cla      | aim      |  |  |          |          | Date       | e        |              |  |           | Cla          | Claim Date |                 |          |          |          |          |          |          |                 |          | CI       | aim        | Date     |          |         |          |          |           |          |          |
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| Final    | Original | 11/23/04   |  |          |          |            |          |              |  |           | Final        | Original   |                 |          |          |          |          |          |          |                 |          | Final    | Original   |          |          |         |          |          |           |          |          |
|          | 1        | 1  |  |          |          |            | $\vdash$ |              | П  | П         |              | 51         | П               | ヿ        | 寸        | ╛        | $\dashv$ |          |          |                 | _        |          | 101        |          | $\top$   | 1       | 寸        | $\neg$   | $\exists$ | $\top$   | 十        |
|          | 2        | 1  |  |          |          |            |          |              |  |           |              | 52         |                 |          |          |          |          |          | $\neg$   |                 |          |          | 102        | $\neg$   | 1        | T       | T        | $\neg$   | $\neg$    | $\neg$   | $\top$   |
|          | 3        | 1  |  |          |          |            |          |              |  |           |              | 53         |                 |          |          |          |          |          |          |                 |          |          | 103        |          |          |         |          |          | $\Box$    |          | $\Box$   |
|          | 4        | 1  |  |          |          |            |          |              |  |           |              | 54         |                 |          | $\Box$   |          |          |          |          |                 |          |          | 104        | $\Box$   |          | Τ       | Т        | $\Box$   | $\Box$    | $\Box$   |          |
|          | 5        | =  |  |          |          |            | L.,      |              |  |           |              | 55         |                 |          |          |          |          |          |          |                 |          |          | 105        |          |          |         |          |          | $\Box$    | $\Box$   | $\Box$   |
|          | 6        | =  |  |          |          |            |          |              |  |           |              | 56         |                 |          |          |          |          |          |          |                 |          |          | 106        | $\neg$   |          |         |          |          | $\Box$    | $\Box$   | $\Box$   |
|          | 7        | =  |  |          |          |            |          |              |  |           |              | 57         |                 |          |          |          |          |          |          |                 |          |          | 107        |          |          |         |          |          | $\Box$    | $\Box$   | $\Box$   |
|          | 8        | =  |  |          | L        | L          |          |              |  |           |              | 58         |                 |          |          |          |          |          |          |                 |          |          | 108        |          |          | Ι       | $\perp$  |          |           |          |          |
|          | 9        | =  |  |          | _        | L          |          | 乚            | L  |           | <u> </u>     | 59         |                 | $\Box$   |          |          |          |          | $\dashv$ |                 |          |          | 109        |          |          | $\perp$ | $\perp$  |          | $\Box$    | _        |          |
|          | 10       | 1  | <u> </u>   |          | _        | 乚          | _        | L            | L  | Ш         |              | 60         | $\sqcup$        | _        | _        | _        | $\perp$  | _        | $\perp$  |                 |          |          | 110        |          | $\perp$  | $\perp$ | $\perp$  | _        | _         | $\dashv$ | _        |
|          | 11       | 1  | L  |          |          |            |          |              |  | Ш         |              | 61         | Ш               | _        |          | _        |          | _        | _        |                 |          |          | 111        |          |          | $\perp$ | $\perp$  | _        | $\dashv$  |          | _        |
|          | 12       | 1  | <u> </u>   |          |          | _          | <u> </u> | ļ.,          | L  | Ш         |              | 62         |                 | _        |          | _        |          |          | _        | _               |          |          | 112        | _        | _        | $\perp$ | 4        | _        | _         | 4        | 4        |
| <u> </u> | 13       | 트  | _  |          |          | ᆫ          | <u> </u> | <u> </u>     | L  | _         |              | 63         | $\sqcup$        | _        | _        | _        | _        | _        | _        |                 | _        |          | 113        | _        | _        | ┸       | 4        | _        | _         | _        | _        |
|          | 14       | 0  | _  | _        |          | L          | 乚        | _            | <u>_</u>   |           | L            | 64         | $\sqcup$        |          | _        | _        |          | _        | _        | $\perp$         | _        |          | 114        | _        |          | _       | 4        | _        | _         | _        | $\perp$  |
|          | 15       | 트  | _  |          |          |            | <u> </u> | <u> </u>     | <u></u>  | Ш         |              | 65         | $\sqcup$        | _        | _        | _        |          | _        | _        | _               | 4        |          | 115        | _ _      |          | ┸       | 4        | _        | _         | $\dashv$ | 4        |
| L        | 16       | 二  | <u> </u>   | _        | _        | <u> </u>   | ļ_       | ļ            |  | Ш         |              | 66         |                 | _        | $\dashv$ | _        | _        | _        | _        |                 | 4        |          | 116        | _        | 4        | 1       | 4        | 4        | _         | _        | _        |
|          | 17       | =  | ļ  | _        |          | -          | ļ        | <del> </del> | _  | $\square$ | <u> </u>     | 67         |                 |          |          |          |          | _        |          | +               | 4        |          | 117        | -        | $\bot$   | +       | 4        | _        | $\dashv$  | $\dashv$ | 4        |
|          | 18       | =  | _  | _        |          | _          | _        | <u> </u>     | _  | Ш         | <u> </u>     | 68         | _               | _        | _        | _        |          |          |          |                 | 4        | <u> </u> | 118        |          | $\perp$  | ╀       | 4        | _        | $\dashv$  | $\dashv$ | $\dashv$ |
| <u> </u> | 19       | 0  | _  |          |          | <u> </u>   | ļ        | <u> </u>     | _  | Ш         | <u> </u>     | 69         | Ш               | _        | _        | _        |          | _        | _        | -               | 4        | <u> </u> | 119        | $\perp$  | _        | ┸       | 4        | 4        | $\dashv$  | 4        | _        |
| <u> </u> | 20       | 三  |  |          |          | <b> </b> _ | <u> </u> | <u> </u>     | _  | Ш         | <u> </u>     | 70         |                 | _        | _        | _        | 4        | _        | $\dashv$ | -               | _        |          | 120        |          | -        | 4       | 4        | _        | _         | $\dashv$ | 4        |
| <u> </u> | 21       | ــــا  | Ļ  | _        | _        | ┡          | ┡        | <u> </u>     | _  | Ш         |              | 71         | $\sqcup$        | $\dashv$ | 4        | 4        | _        | 4        | $\dashv$ | _               | 4        | <u> </u> | 121        | _        |          | 4       | 4        | _        | _         | _        | _        |
| -        | 22       | =  | ⊢  |          | _        | <u> </u>   | <u> </u> | ⊢            | <u> </u>   | Н         | <u> </u>     | 72         | $\vdash \vdash$ | $\dashv$ | 4        | -        | _        | _        | $\dashv$ | -               | 4        |          | 122        | _        |          | 4       | +        | -        | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 23       | =  |  |          |          | <u> </u>   | -        | ┡            | _  | Щ         | -            | 73         | $\vdash \vdash$ | $\dashv$ | _        | 4        | _        | $\dashv$ | -        | -               | 4        | <u> </u> | 123        | -        | +        | +       | 4        | 4        | $\dashv$  | $\dashv$ | +        |
| <u> </u> | 24       | =  |  |          |          | <u> </u>   | <u> </u> | ļ            |  | Щ         |              | 74         | $\sqcup$        | _        | _        | _        | _        | _        | _        | _               | 4        | <u> </u> | 124        | $\dashv$ | +        | +       | 4        | 4        | 4         | $\dashv$ | 4        |
| <u> </u> | 25       | =  | <u> </u>   |          | _        | -          | -        | ⊬            | <u> </u>   |           | <u> </u>     | 75         | $\vdash$        |          |          | -        |          |          | -        |                 | -        | <u> </u> | 125        | -        | +        | +       | +        | -        | $\dashv$  | $\dashv$ | +        |
|          | 26       | <u> </u>   | <u> </u>   | _        | _        | <u> </u>   | ├        | -            | -  | Н         |              | 76         | -               |          | -        |          |          |          |          |                 | 4        | <u> </u> | 126        | -        |          | +       |          | -        | -         |          | -+       |
| -        | 27       | <u> </u>   | _  |          |          | ₩          | <u> </u> | <u> </u>     |  | Щ         | ļ            | 77         | $\vdash$        | $\dashv$ | _        | $\dashv$ |          |          | -        |                 | 4        | <u> </u> | 127        |          | +        | +       | +        | -        | -         | $\dashv$ | +        |
| -        | 28       | ⊢  | ⊢  | _        | _        | ┢          | -        | ├            | <u> </u>   | Н         |              | 78         | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        | -               | 4        | <u> </u> | 128        |          | -        | +       | +        | -        |           | -+       | -+       |
| <u> </u> | 29       | ⊢  | ⊢  | _        | _        | ┢          | ┢        | ├-           | <del> </del>                                     | Н         | <u> </u>     | 79         | ⊢               | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | -               | -        |          | 129        | -        | -        | +       | +        | -        |           | -+       | +        |
| <u> </u> | 30       | ├  |  | _        | <u> </u> | ├          | <u> </u> | ╀            | _  | Н         |              | 80         | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        | -               | 4        |          | 130        | -        | -        | +       | -        |          |           |          | +        |
| $\vdash$ | 31       | ⊢  | ⊢  | $\vdash$ | -        | ├-         | ├        | ├            | -  | Н         | -            | 81<br>82   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -               | $\dashv$ |          | 131<br>132 | -        | +        | +       | +        | -        | $\dashv$  | $\dashv$ | +        |
| -        | 33       | ⊢  | ⊢  | -        |          | <u> </u>   | <u> </u> | ├            |  | -         |              | 83         | $\vdash$        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$        | $\dashv$ |          | 133        | +        | +        | +       | $\dashv$ | -+       | $\dashv$  | $\dashv$ | $\dashv$ |
| -        | 34       | ⊢  | ⊢  | H        | -        | ├          | ╁        | ├            |  | Н         | -            | 84         | ┝               | $\dashv$ | ᅪ        | -        |          | $\dashv$ | -+       |                 | -        |          | 134        | -        | +        | +       | $\dashv$ | -        | $\dashv$  | $\dashv$ | +        |
| <b> </b> | 35       | ⊢  | ⊢  |          |          | ⊢          | ⊢        | ⊢            |  | $\vdash$  | -            | 85         | ╂╼╂             |          | -        | $\dashv$ | -        | -        |          | <del>-  -</del> | -        |          | 135        | +        | +        | +       | +        | -        | $\dashv$  | +        | +        |
| $\vdash$ | 36       | -  | ├  | -        |          | ⊢          | ┢        | ⊢            | -  | Н         | <u> </u>     | 86         | ╁               | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | -+       | -               | -        |          | 136        | $\vdash$ | +        | ╁       | +        | +        | $\dashv$  | $\dashv$ | +        |
| -        | 37       | <del> </del>                                     | ├  | -        | -        | ┢          | ┢        | ⊢            | <del></del>                                      | Н         | <u> </u>     | 87         | ┝               |          | $\dashv$ | $\dashv$ | ┽        | -        |          |                 | $\dashv$ |          | 137        |          |          | ╁       | +        |          | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 38       | ┝  | ⊢  | _        | -        | ┢          | ┢        | ┢╌           | -  | Н         | -            | 88         | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | +               | $\dashv$ |          | 138        | $\dashv$ | +-       | +       | $\dashv$ | +        | $\dashv$  | $\dashv$ | +        |
| $\vdash$ | 39       | -  | ┝  | -        | -        | $\vdash$   | $\vdash$ | $\vdash$     | ┢  | Н         | -            | 89         | $\vdash$        | $\dashv$ | -        | ┪        | $\dashv$ | -        | $\dashv$ | +               | ┨        | <u> </u> | 139        | +        | +        | +       | $\dashv$ | -+       | $\dashv$  | +        | +        |
|          | 40       | $\vdash$   | ┢  | $\vdash$ |          | ┢          | ├        | ├╌           | -  | Н         | -            | 90         | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | ┥        |          | 140        | -        | +        | ╁       | +        | -        | $\dashv$  | $\dashv$ | $\dashv$ |
| -        | 41       | -  | ╁─   |          | -        | ⊢          | ┢        | ┢            | ┢  | Н         | $\vdash$     | 91         | $\vdash$        |          | -        | -        | -        | -        | -        |                 | $\dashv$ |          | 141        | -        |          | +       | $\dashv$ | -        | -         | +        | +        |
| -        | 42       | ┢  | ╁  |          | -        | ╁─         | ╁        | $\vdash$     | $\vdash$   | Н         | <del> </del> | 92         | H               | -        | $\dashv$ | ╛        | $\dashv$ | $\dashv$ | -        | ٦Ė              | ┥        |          | 142        | -        | +        | ╅       | +        | $\dashv$ | $\dashv$  | $\dashv$ | +        |
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|          | 45       | _  | $\vdash$   | $\vdash$ | $\vdash$ | ŀ          |          | 1            | Н  | H         |              | 95         | Н               | _        | 1        | +        | $\dashv$ |          |          | -+-             | ┪        | <u> </u> | 145        | $\vdash$ | +        | +       | $\dashv$ | $\dashv$ | 十         | 十        | 十        |
|          | 46       |  | <del>                                     </del> |          | <u> </u> | 1          |          |              | $\vdash$   | H         | -            | 96         | $\vdash$        | _        | -        | _        | -        | $\dashv$ | -        | $\dashv$        | ┪        |          | 146        | -        | +        | +       | +        | 一        | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 47       | $\vdash$   | $\vdash$   | $\vdash$ |          | $\vdash$   |          | $\vdash$     | Т  | Н         | <u> </u>     | 97         | Н               | $\dashv$ |          | -        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$        | ┪        |          | 147        |          | +        | $^{+}$  | +        | $\dashv$ | 一         | 十        | $\dashv$ |
|          | 48       | Т  | Т  |          |          | ┢          | T        | $\vdash$     |  | Н         |              | 98         | H               | 一        | _        | $\dashv$ | $\neg$   | 一        | $\neg$   | $\dashv$        | ┪        |          | 148        | $\vdash$ | $\dashv$ | 十       | $\dashv$ | ᅥ        | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 49       | Т  | T  |          | m        | T          | T        | <u> </u>     |  | М         |              | 99         | Н               | 7        | $\dashv$ | _        | $\dashv$ | 一        | $\dashv$ | $\neg$          | ┨        |          | 149        | $\vdash$ | $\dashv$ | $\top$  | 7        | ┪        | 一         | 十        | $\dashv$ |
|          | 50       | Г  | Г  |          |          | Г          | 1        |              | T  | П         |              | 100        |                 | $\neg$   |          |          | ヿ        | 一        | $\neg$   | $\neg$          |          |          | 150        | $\neg$   | $\neg$   | T       | 7        | ╗        | $\dashv$  | 寸        | $\dashv$ |
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